ABSTRACT

An electrode for a fuel cell is described in which a catalyst utilization is enhanced, and cell performances such as a cell voltage are enhanced, or a catalyst amount can be reduced. Carbon particles 323 having small particle sizes are charged onto a conventional gas diffusion layer, and accordingly an arithmetic average roughness Ra of an interface 33 between a catalyst layer 31 and a gas diffusion layer 32 is reduced. When the arithmetic average roughness Ra is small, that is, when the catalyst layer 31 is formed on the flat/smooth gas diffusion layer 32, a reaction gas spreads over the thin and uniform catalyst layer 31, and an utilization of the catalyst layer 31 is enhanced.